

ABSTRACT

A pipe fitting includes a run tube having a cylindrical wall defining a first end opening, a second end opening, and an elongated throat, a branch tube fitting defining a fluid passage, and a 5 tapered throat section fixed between the elongated throat opening and the branch tube fitting. Optionally, there is a branch tube interposed between the throat section and the branch tube fitting. The first end opening and the second end opening also can include fittings. The run tube, in combination with the throat section defines a body having a generally triangular inner 10 chamber. The pipe fitting prevents clogging in piping systems transporting liquid/solid mixtures, such as in a winery. Clogs are prevented because the cross sectional area of the throat opening is substantially (e.g., at least 1.25) larger than the cross sectional area of the fluid passage defined by the branch tube fitting.